

HARD DRIVE ACTUATOR ARM WITH REDUCED SKEW VARIATION

ABSTRACT OF THE DISCLOSURE

A rotary actuator system includes an actuator block, a head mounting block, and a linkage arm connecting the actuator block and the head mounting block. The system further includes an actuator motor operatively connected to the actuator block for rotating a link. The linkage arm includes a drive link which is rotated by the actuator motor and a guide link spaced apart from the drive link. The drive link has a first end and a second end; the drive link is pivotally connected to the actuator block at the first end and connected to the head mounting block at the second end. The guide link has a first end and a second end; the guide link is connected to the actuator block at the first end and connected to the head mounting block at the second end.